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INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 02/03782

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H02K41/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H02K B65G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 06, 30 April 1998 (1998-04-30) -& JP 10 032973 A (AMADA CO LTD), 3 February 1998 (1998-02-03) abstract; figure 5	1,2,6
A	---	13-16
X	US 5 088 593 A (LEWIN HEINZ-ULRICH) 18 February 1992 (1992-02-18) abstract; figures 1,1A column 1, line 55 - line 64	1-4,6-9
X	PATENT ABSTRACTS OF JAPAN vol. 013, no. 473 (M-884), 26 October 1989 (1989-10-26) -& JP 01 186103 A (MITSUBISHI ELECTRIC CORP), 25 July 1989 (1989-07-25) abstract; figures 1-3	1,6

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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G document member of the same patent family

Date of the actual completion of the international search

6 June 2003

Date of mailing of the international search report

13/06/2003

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

International Application No
PCT/DE 02/03782

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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X	US 4 798 985 A (CHITAVAT ANWAR) 17 January 1989 (1989-01-17) column 6, line 13 - line 31; figures 1,2	1,2,6
A	US 5 778 758 A (CHRISTMANN MARTIN ET AL) 14 July 1998 (1998-07-14) abstract; figure 2 column 1, line 44 - line 57 column 2, line 58 - line 64	1,2
A	US 5 179 304 A (KENJO ATSUSHI ET AL) 12 January 1993 (1993-01-12) abstract; figure 6	13-16
A	US 6 271 606 B1 (HAZELTON ANDREW J) 7 August 2001 (2001-08-07) abstract; figures 2A,2B column 1, line 44 -column 2, line 48	1
A	US 3 954 037 A (RIOS GUILLERMO BAEZ) 4 May 1976 (1976-05-04) abstract; figures 1,2,6	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE 02/03782

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